

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number
628-318CT

Serial No.
09/735,177

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)



Applicants: David McCray Peeler

Filing Date: December 12, 2000

Group
1731

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U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
DAW	1.	514,370	02/1894	Knott et al.	—	—	
	2.	1,017,713	02/1912	Vaughan	—	—	
	3.	1,543,245	06/1925	Buensod	—	—	
	4.	1,545,811	07/1925	Buensod	—	—	
	5.	1,568,316	01/1926	Buensod	—	—	
	6.	2,124,012	07/1938	Smith, Jr.	34	24	
	7.	2,343,345	03/1944	Touton	131	140	
	8.	2,475,568	07/1949	Moore, Jr.	131	140	
	9.	2,758,603	08/1956	Heljo	131	121	
	10.	2,989,057	06/1961	Touton	131	140	
	11.	3,024,792	03/1962	Touton	131	140	
	12.	3,039,475	06/1962	Prilly et al.	131	140	
	13.	3,134,583	05/1964	Wilson	263	19	
	14.	3,202,157	08/1965	Touton	131	134	
	15.	3,251,620	05/1966	Hassler	294	5.5	
	16.	3,394,709	07/1968	Remer	131	121	
	17.	3,494,723	02/1970	Gray	21	54	
	18.	3,494,724	02/1970	Gray	21	54	
	19.	3,503,137	3 05/1970	Wilson	34	45	
	20.	3,664,034	05/1972	Wilson	34	225	
	21.	3,669,429	06/1972	Dew	263	19D	
	22.	3,699,976	10/1972	Abe et al.	131	121	
	23.	3,773,055	11/1973	Stungis et al.	131	140P	
	24.	3,785,384	01/1974	Sylvester et al.	131	121	

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EXAMINER

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25.	3,845,774	11/1974	Tso et al.	131	140C	
26.	3,870,053	03/1975	Heitkamp et al.	131	121	
27.	3,877,468	04/1975	Lichtneckert et al.	131	2	
28.	3,901,248	08/1975	Lichtneckert et al.	131	2	
29.	4,011,041	03/1977	Taylor	432	21	
30.	4,021,928	05/1977	Johnson	34	38	
31.	4,192,323	05/1980	Horne	131	135	
32.	4,212,634	07/1980	Mitchell et al.	432	186	
33.	4,267,645	05/1981	Hill	34	213	
34.	4,301,817	11/1981	Keritsis	131	297	
35.	4,317,837	03/1982	Kehoe et al.	426	3	
36.	4,355,648	10/1982	Bokelman et al.	131	290	
37.	4,364,401	12/1982	Keritsis	131	297	
38.	4,430,806	02/1984	Hopkins	34	1	
39.	4,470,422	09/1984	Joubert et al.	131	303	
40.	4,482,315	11/1984	Day	432	189	
41.	4,499,911	02/1985	Johnson	131	302	
42.	4,556,073	12/1985	Gravely et al.	131	297	
43.	4,557,280	12/1985	Graveley et al.	131	297	
44.	4,559,956	12/1985	De Lange et al.	131	303	
45.	4,566,469	01/1986	Semp et al.	131	308	
46.	4,572,219	02/1986	Gaisch et al.	131	308	
47.	4,590,954	05/1986	Gooden	131	299	
48.	4,620,556	11/1986	Rosson et al.	131	313	
49.	4,622,982	11/1986	Gaisch et al.	131	297	
50.	4,651,759	03/1987	Uydess	131	297	
51.	4,685,478	08/1987	Malik et al.	131	297	

EXAMINER
EXAMINER

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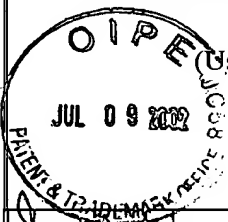
LIST OF DOCUMENTS CITED BY APPLICANT

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Group
1731



52.	4,709,710	12/1987	Gaisch et al.	131	308	
53.	4,756,317	07/1988	Edwards	131	299	
54.	4,790,335	12/1988	Marley et al.	131	304	
55.	4,802,498	02/1989	Ogren	131	359	
56.	4,805,642	02/1989	Rainer	131	297	
57.	4,821,747	04/1989	Stuhl et al.	131	299	
58.	4,836,222	06/1989	Livingston	131	310	
59.	4,874,000	10/1989	Tamol et al.	131	375	
60.	4,898,189	02/1990	Wochnowski	131	299	
61.	4,906,274	03/1990	Mattox	71	67	
62.	4,907,605	03/1990	Ray et al.	131	270	
63.	5,023,376	06/1991	Shehad et al.	564	298	
64.	5,125,420	06/1992	Livingston	131	302	
65.	5,127,934	07/1992	Mattox	71	67	
66.	5,139,035	08/1992	Lasch et al.	131	299	
67.	5,335,590	08/1994	Crump, III et al.	99	479	
68.	5,372,149	12/1994	Roth et al.	131	300	
69.	5,431,175	07/1995	Beckett et al.	131	303	
70.	5,488,962	02/1996	Perfetti	131	270	
71.	5,515,775	05/1996	Crump, III et al.	99	479	
72.	5,791,353	08/1998	Jünemann et al.	131	297	
73.	5,803,081	09/1998	O'Donnell, Jr. et al.	131	299	
74.	5,810,020	09/1998	Northway et al.	131	297	
75.	6,202,649 B1	03/2001	Williams	131	303	

EXAMINER
EXAMINER

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
SAW	76.	706 052	03/1954	GB	130		
	77.	2 064 294	06/1981	UK	A24B	15/32	Yes
	78.	1767677	11/1971	DE	A24B	15/02	No
	79.	39014169A1	08/1990	DE	A01N	65/00	No
	80.	1 484 663	09/1977	GB	A24B	15/00	
	81.	94/07382	04/1994	PCT	A24B	15/24	Yes
	82.	862434	10/1986	Greece			Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SAW	83.	Alphin, J. G. "Measuring Airflow Characteristics of Tobacco Bulk Curing Structures" Presented at the Winter Meeting of the American Society of Agricultural Engineers (1985).
	84.	Andersen et al.; "Changes in Chemical Composition of Homogenized Low-Cured and Air-Cured Burley Tobacco Stored in Controlled Environments" <i>J. Agric. Food Chem.</i> 30 663-668 (1982).
	85.	Bridges et al. "A Deep-Layer Drying Model for Burley Tobacco Curing" <i>Transactions of the ASAE</i> 1608-1612 (1981).
	86.	Burton et al.; "Influence of Temperature and Humidity on the Accumulation of Tobacco-Specific Nitrosamines in Stored Burley Tobacco" <i>J. Agric. Food Chem.</i> 37 1372-1377 (1989).
	87.	Burton et al. "Changes in Chemical Composition of Burley Tobacco during Senescence and Curing. 3. Tobacco-Specific Nitrosamines" <i>J. Agric. Food Chem.</i> 37 :426-430 (1989).
	88.	Chamberlain et al.; "Studies on the Reduction of Nitrosamines in Tobacco" <i>Tobacco Science</i> 81 38-39 (1986).
	89.	Chamberlain et al.; "Effects of Curing and Fertilization on Nitrosamine Formation in Bright and Burley Tobacco" <i>Beiträge zur Tabakforschung International</i> 15 :2 87-92 (1992).
	90.	Chamberlain et al.; "Levels of N-Nitrosornicotine in Tobaccos Grown Under Varying Agronomic Conditions" <i>Tobacco Science</i> 156-158 (1984).
	91.	Chang, C. S. and W. H. Johnson "High Temperature Convective Drying of Tobacco During Curing: I. Effect of Air Temperature and Velocity on Leaf Temperature and Drying Rate" <i>Tobacco Science</i> 15 :23-28 (1971).
	92.	Chang, C. S. and W. H. Johnson "High Temperature Convective Drying of Tobacco During

EXAMINER
EXAMINER

DATE CONSIDERED

11-7-02

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Filing Date: December 12, 2000	Group 1731
LAW		Curing II. Effect of Air Temperature and Velocity on Heat and Mass Transfer Coefficients" <i>Tobacco Science</i> 16:61-64 (1972).	
	93.	Condiff, et al. "A Solar System for Curing Tobacco in Conventional Forced Air Barns" Presented at the Winter Meeting of the American Society of Agricultural Engineers (1979).	
	94.	Coresta; "The Nicotiana Catalogue – A Compilation of International Tobacco Germplasm Holdings" (1998 Prototype).	
	95.	Coresta Agronomy & Phytopathology Joint Meeting; "Abstracts" (1995).	
	96.	Coresta; "Report of Research Activities of Mr. Q Qungang," Department of Tobacco "Science – Henan Agricultural University, Zhengzhou City, Henan Province PRC (1988).	
	97.	Cui et al.; "Effect of Maleic Hydrazide Application on Accumulation of Tobacco-Specific Nitrosamines in Air-Cured Burley Tobacco" <i>J. Agric. Food Chem.</i> 42 2912-2916 (1994).	
	98.	Curing Flue-Cured Tobacco in Canada Agriculture Canada (1987).	
	99.	Defendant R.J. Reynolds Tobacco Company's Amended And Supplemental Responses To Plaintiff's First Set Of Interrogatories; <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (2002).	
	100.	Declaration of G. Brent Hunter; <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (February 22, 2002).	
	101.	Declaration of Samuel Thomas; <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (2002).	
	102.	Declaration of John E. Ashe, Jr.; <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (2002).	
	103.	Declaration of A. Wade Bowen; <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (2002).	
	104.	Declaration of Hassel Brown; <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (2002).	
	105.	Declaration of Leroy Lynch; <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (2002).	
	106.	Declaration of Derrick Hobson, <i>Star Scientific, Inc. v. R.J. Reynolds Tobacco Company</i> AW 01 CV 1504 (2002).	
	107.	Durão et al. "A Numerical Simulation of the Heat Loads in Flue-Curing of Tobacco" <i>Proceeding of Coresta Symposium</i> 1:183-192 (1986).	
	108.	"The Golden Leaf" The Tobacco Control Board. (1970).	
	109.	Grise, Verner N. Trends in Flue-Cured Tobacco Farming United State Department of	

 EXAMINER
EXAMINER

Simon A. Wolk

DATE CONSIDERED

11-7-02

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Group
1731

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JUL 11 2002
TC 1731

		Agriculture June (1981).
BAW	110.	Hassler, F. J. "Leaf Temperature Measurement in Tobacco Curing Research" <i>Tobacco Science</i> 1:64-67 (1957).
	111.	Hawks, S. N. <i>Principles of Flue-Cured Tobacco Production</i> 2 nd Edition 186-209 (1978).
	112.	Johnson "Physical and Biological Relations in the Rapid Drying of Foliar Materials" <i>Transactions of the ASAE</i> 11(2):283-290 (1968).
	113.	Johnson, William H. "Curing" <i>Recent Advances in Tobacco Science</i> (1974).
	114.	Johnson "Rapid Drying of Yellowed Flue-Cured Tobacco" <i>Tobacco Science</i> 40:58-68 (1996).
	115.	Johnson "New Processing Methods in the Premanufacturing of Tobacco" <i>Proceedings of the Fifth International Tobacco Scientific Congress</i> (1970).
	116.	Johnson "Oxygen Depletion by Respiration for Bright Leaf Tobacco in a Closed Curing System" <i>Tobacco Science</i> 9(3):5-11 (1966).
	117.	Johnson, W. H. and F. J. Hassler "Carbon Dioxide Liberation and Carbohydrate Accumulation During the Yellowing Phase of Tobacco Curing" <i>Tobacco Science</i> 7:85-92 (1963).
	118.	MacKown et al.; "Tobacco-Specific N-Nitrosamines: Formation During Processing of Midrib and Lamina Fines" <i>J. Agric. Food. Chem.</i> 36 1031-1035 (1988).
	119.	Mangino et al. "N-Nitrosamines in Beer" <i>American Chemical Society</i> 229-245 (1981).
	120.	Maw et al. "Radio Controlled Fan Cycling During Bulk Tobacco Curing" <i>Transactions of the ASAE</i> 28(2):630-633 (1985).
	121.	Maw, et al. "Fan Cycling by Radio Control Device for Tobacco" Presented at the Winter Meeting of the American Society of Agricultural Engineers (1983).
	122.	McDowell, et al. "Airflow Rates in Bulk Curing Structures" Presented at the Winter Meeting of the American Society of Agricultural Engineers (1990).
	123.	McDowell, et al. "Influence of Density and Moisture Loss on Airflow in Bulk Curing Structures" Presented at the Winter Meeting of the American Society of Agricultural Engineers (1990).
	124.	Mingwu; "Abstract of Dissertation – The Source And the Regulation of Nitrogen Oxide Production For Tobacco-Specific Nitrosamine Formation During Air-Curing Tobacco" The Graduate School of the University of Kentucky (1998).
	125.	Papenfus et al. "Research on Curing Virginia Tobacco-1972/23" <i>Tobacco Forum</i> 11-15 (May 1973).
	126.	Peng, Qiyuan. "Alkaloids, Nitrates, Nitrites and Tobacco Specific Nitrosamines in Dark

EXAMINER
EXAMINER

DATE CONSIDERED

11-7-02


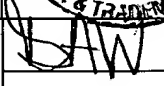
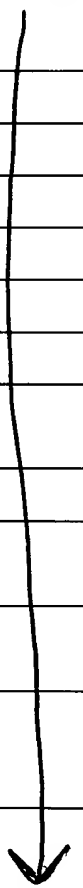

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Tobacco" The Graduate School, University of Kentucky, Lexington, KY. (1990).			
127.	Powell Bulk Curing Manuel Powell Manufacturing Company, Inc. (1980)		
128.	Preussmann et al. "Reduction of Human Exposure to Environmental N-Nitroso Compounds" <i>American Chemical Society</i> 217-228 (1981).		
129.	Roberson, Gary Thomas "Development of a Uniform Leaf Spreading Device for Bulk Cured Tobacco" Department of Biological and Agricultural Engineering, North Carolina State University, Raleigh, NC. (1980).		
130.	Ryan, I. A. "Small Scale Experimental Tobacco Curing Barns with Computer Based Temperature Control and Data Acquisition" <i>Conference on Agricultural Engineering</i> 343-347 (1986).		
131.	Ryan, I. A. and G. Y. Abawi "A Tobacco Curing Energy Model" <i>Conference on Agricultural Engineering</i> 382-387 (1988).		
132.	Scalan, et al. "A Survey of N-Nitrosodimethylamine in U.S. and Canadian Beers" <i>J. Agric. Food Chem.</i> 38:442-443 (1990).		
133.	Sisler, E. C. and Anita Pian "Effect of Ethylene and Cyclic Olefins on Tobacco Leaves" <i>Tobacco Science</i> 17:68-72 (1973).		
134.	Smith, M. Scott and Karen Zimmerman "Nitrous Oxide Production by Nondenitrifying Soil Nitrate Reducers" <i>Soil Sci. Soc. Am. J.</i> 45:865-871 (1981).		
135.	Spurr et al. "Bacterial Barn Rot of Flue-Cured Tobacco in North Carolina" <i>Plant Disease</i> 65(11):1020-1022 (1980).		
136.	Suggs et al. "Bulk Density and Drying Effect on Air Flow Through Flue-Cured Tobacco Leaves" <i>Tobacco Science</i> 33:86-90 (1989).		
137.	Suggs et al. "Extraction of Energy from Crop Dryer Exhaust" <i>Appl Eng. Agr.</i> 7(2):223-229 (1991).		
138.	Suggs, C. W. "Mechanical Harvesting of Flue-Cured Tobacco Part 9: Developments in Container (Box) Bulk Curing" <i>Tobacco Science</i> 23:1-6 (1979).		
139.	Suggs, C. W. "Mechanical Harvesting of Flue-Cured Tobacco Part 10: Optimization of Curing Capacity and Bulk Barn Parameters" <i>Tobacco Science</i> 23:126-130 (1979).		
140.	Symposium Proceedings 49 th Meeting, Tobacco Chemists' Research Conference; "Effect of Air-Curing on the Chemical Composition of Tobacco" <i>Recent Advances in Tobacco Science</i> 21 (1995).		
141.	Symposium Proceedings 49 th Meeting, Tobacco Chemists' Research Conference; "Impact of Plant Manipulation and Post Harvest Phenomena on Leaf Composition" <i>Recent Advances in Tobacco Science</i> 21 (1995).		

 EXAMINER
 EXAMINER

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	142.	Tait, Lyl <u>Tobacco in Canada</u> 102-115, 492-499 (1968).	
	143.	"Tobacco Research" <u>The Agricultural Foundation, Inc.</u> North Carolina State College, Raleigh, NC. August (1957).	
	144.	<u>Tobacco Information</u> North Carolina State University, Raleigh, NC. (1989)	
	145.	Ventobacco Varsos; "Three Tier Barn Assembly Manual" (1992).	
	146.	Ventobacco; "Bulk Curing Barns Operator's Manual" (Poland 1993).	
	147.	Ventobacco; "Bulk Curing Barns Operator's Manual" (Jordan 1994).	
	148.	Ventobacco; "Bulk Curing Barns Operator's Manual" (Turkey 1993).	
	149.	Ventobacco; "Ventolab 6 Operator's Manual (USA 1994).	
	150.	Ventobacco; "VCU _{2K} Indirect Fired Tobacco Curing Unit with Heat Exchanger and Pressure Burner" (2000)	
	151.	Watkins; "Using Hot Water for Curing Tobacco" <i>Tob. Intl.</i> 182:5 163-165 (1980).	
	152.	Watkins, R. W. and F. J. Hassler "Effects of Oxygen Stress on Tobacco Discoloration" <i>Tobacco Science</i> 6:92-97 (1962).	
	153.	Whitty, E. B. and T. C. Skinner "Bulk Curing Hints" <i>Australian Tobacco Growers Bulletin</i> 18:28-29 (1970).	
	154.	Yang, C. C. and W. H. Johnson "Indirect Heat Recycling for a Multi-Barn Tobacco Curing System" Presented at the Summer Meeting of the American Society of Agricultural Engineers (1984).	
		155.	Yamanaka, et al. "Nitrogen Oxides Emissions from Domestic Kerosene-Fired and Gas-Fired Appliances" <i>Atmospheric Environment</i> 13:407-412 (1979).

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